

Release Notes

DRIVER VERSION: 25.20.100.6471

DATE: December 20th, 2018

HIGHLIGHTS:

- **14 Driver Releases in 2018 supporting 55+ games**

This driver marks our 14th release in 2018 which has included improvements and support for over 55 games on UHD Graphics 620 or better. Stay tuned next year for more monthly drivers and game support. This is just the beginning.

Take control of your team of Mutants navigating post human Earth with [Mutant Year Zero – Road to Eden*](#). Become the department officer within the Ministry of authoritarian State, where the way up won't be easy in **Beholder 2*** or just relax while you build a suitable eco system, provide better habitat, and see your wildlife grow in **Equinox*** on Intel® UHD Graphics 620 or better.

Enter into mankind's greatest conflict with [Battlefield V*](#) on a never seen before depiction of World War II with Intel® Iris Pro Graphics or better. [Battlefield V*](#) support is no longer beta and is now production version.

Be sure to check out gameplay.intel.com, where you'll find recommended game settings for many more of your favorite PC games.

Get a front row pass to gaming deals, contests, betas, and more with [Intel® Software Gaming Access](#).

Install the [Intel® Driver & Support Assistant](#) (previously called Intel® Driver Update Utility), which now automatically checks for drivers on a regular basis and can provide notifications when new drivers are available.

This document provides information about Intel's Graphics Driver for:

- 9th Generation Intel® Core processors, related Pentium®/Celeron® Processors, and Intel® Xeon processors, with Intel® UHD Graphics 630.
- 8th Generation Intel® Core processors, related Pentium®/ Celeron® Processors, and Intel® Xeon processors, with Intel® Iris® Plus Graphics 655 and Intel® UHD Graphics 610, 620, 630, P630.
- 7th Generation Intel® Core processors, related Pentium®/ Celeron® Processors, and Intel® Xeon processors, with Intel® Iris® Plus Graphics 640, 650 and Intel® HD Graphics 610, 615, 620, 630, P630.
- 6th Generation Intel® Core processors, Intel Core™ M, and related Pentium® processors, with Intel® Iris® Graphics 540, Intel® Iris® Graphics 550, Intel® Iris® Pro Graphics 580, and Intel® HD Graphics 510, 515, 520, 530.
- Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530
- Pentium®/ Celeron® Processors with Intel® HD Graphics 500, 505 and Intel® UHD Graphics 600, 605
Pentium®/Celeron® Intel UHD 600, 605

CONTENTS OF THE PACKAGE:

- Intel® Graphics Driver
- Intel® Display Audio Driver (10.26.00.04)
- Intel® Media SDK Runtime
- Intel® OpenCL* Driver

Operating System Support

On 9th Generation Intel® Core processors, 8th Generation Intel® Core processors, 7th Generation Intel® Core processors, 6th Generation Intel® Core and Intel® Mobile Xeon processors and related Pentium/Celeron:

- Microsoft Windows* 10-64 - Fall Creators Update (1709)
- Microsoft Windows* 10-64 - April 2018 Update (1803)
- Microsoft Windows* 10-64 - October 2018 Update (1809)

NEW FEATURES:

Performance improvements and optimizations for Mutant Year Zero: Road to Eden* , Monster Hunter World* and Battlefield V* on 6th Generation Intel® Core processors or higher..
Quality improvements in brightness and color when using HDR embedded panels.
Performance Improvements in DX12 games and/or applications when running in Hybrid graphics systems
Enable VESA Display ID 2.0 providing improved support for HDR and higher resolutions
Enables HDR support on Daisy Chained Display Port Monitors
Improved performance and image quality when Conservative Morphological Anti- Aliasing (CMAA) is enabled for Games and 3D applications.

KEY ISSUES FIXED:

Intermittent crashes or hangs may occur in Battlefield V* (DX11), Call of Duty Black Ops IV* , Cinema4D*
System may hang intermittently when resuming from sleep or hibernate mode while using Collage mode.
Stability improvements in PowerDVD* Video Playback.

SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics ¹	DirectX* ²	OpenGL*	OpenCL*	Vulkan*	Intel® Quick Sync Video
9th Generation Intel® Core™ processors with Intel® UHD Graphics 630	12	4.5	2.1	1.1.93	Yes
8th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 655	12	4.5	2.1	1.1.93	Yes

8 th Generation Intel® Core™ processors with Intel® UHD Graphics 610/620/630/P630	12	4.5	2.1	1.1.93	Yes
7 th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 640/650	12	4.5	2.1	1.1.93	Yes
7 th Generation Intel® Core™ processors with Intel® HD Graphics 610/615/620/630	12	4.5	2.1	1.1.93	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P630	12	4.5	2.1	1.1.93	Yes
Pentium Processors with Intel® HD Graphics 610	12	4.5	2.1	1.1.93	Yes
6 th Generation Intel® Core™ processors with Intel® Iris® Pro Graphics 580	12	4.5	2.0	1.1.93	Yes
6 th Generation Intel® Core™ processors with Intel® Iris® Graphics 540/550	12	4.5	2.0	1.1.93	Yes
6 th Generation Intel® Core™ processors with Intel® HD Graphics 520/530	12	4.5	2.0	1.1.93	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530	12	4.5	2.0	1.1.93	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® Iris Pro Graphics P580	12	4.5	2.0	1.1.93	Yes
Intel® Core™ M processors with Intel® HD Graphics 515	12	4.5	2.0	1.1.93	Yes
Pentium® and Celeron® Processors with Intel® HD Graphics 500/505/510	12	4.5	1.2	1.1.93	Yes
Pentium® and Celeron® Processors with Intel® UHD Graphics 600/605	12	4.5	1.2	1.1.93	Yes

Note:

1. If you are uncertain of which Intel® processor is in your computer, Intel® recommends using the [Intel Processor Identification Utility](#) or Install the [Intel® Driver & Support Assistant](#) (previously called Intel® Driver Update Utility) to identify your Intel® processor.
2. In the Intel® Iris®, UHD, and HD Graphics Control Panel (under Options > Options menu > Information Center), the 'Installed DirectX* version' refers to the operating system's DirectX version. The Information Center's 'Supported DirectX* Version' refers to the Intel® Graphics Driver's supported DirectX version. The DirectX 12 API is supported but some optional features may not be available. Applications using the DirectX 12 API should query for feature support before using specific hardware features. Please note that DirectX12 is only supported on Windows 10® and DirectX11.3 support is also available on supported Microsoft* operating systems.

KNOWN ISSUES

- Intermittent crashes or hangs may occur in Assassins Creed Odyssey*, Battlefield V* (DX12), Just Cause 4*, and other games
- Minor graphics anomalies may be observed in Farming Simulator* 2019, and other games.
- The optimization checkbox for gaming tuning in the Graphics Control Panel does not refresh after restoring settings in some systems.

More on Intel® Core™ processors

For more information on the Intel® Core™ processor family, Intel® Xeon® processor E3 family, and 9th Generation Intel® Core processors, please visit:

[Intel® 9th Generation Core Processors](#)

<http://www.intel.com/content/www/us/en/processors/core/core-processor-family.html>

<http://www.intel.com/content/www/us/en/processors/xeon/xeon-processor-e3-family.html>

<http://www.intel.com/graphics>

Work and play in high resolution with Intel® UHD Graphics, Iris® Graphics, Iris® Plus Graphics, and Iris® Pro Graphics. Watch captivating 4K Ultra HD (UHD) video on up to three screens, edit photos and videos like a pro, and immerse yourself in vividly rendered, seamless 3D gameplay - all with the added power boost of an Intel® Core™ processor. Intel® Graphics bring stunning visuals to thinner and lighter portable devices, like laptops, 2 in 1s, and desktop computers.

We continuously strive to improve the quality of our products to better serve our users and appreciate [feedback](#) on any issues you discover and suggestions for future driver releases. If you have an issue to submit, **please follow the guidance found here** [Default level information for reporting Graphics issues](#).

*Other names and brands may be claimed as the property of others.